

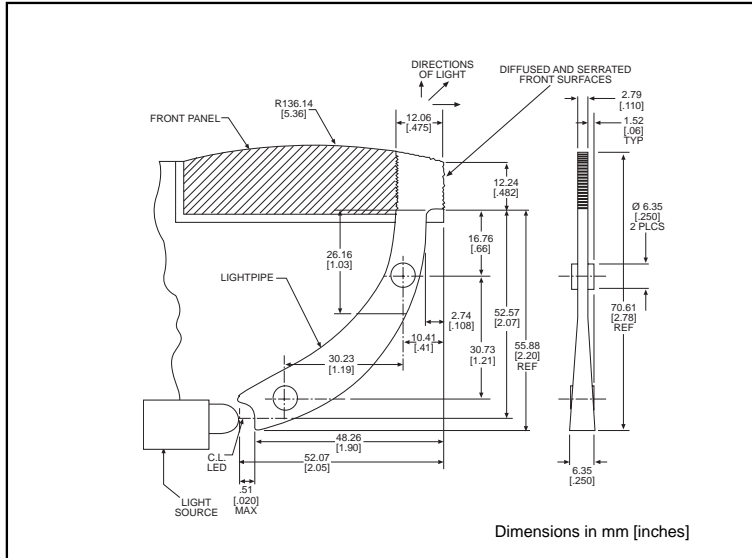


microLED[®] Optopipe[™]

Optical Light Pipe, Illuminated Corner

Dialight

515-1044



LEDs for use with 515-1044

| <u>Recommended</u> | <u>PAGE #</u> |
|--------------------|---------------|
| 521-9247 | 6-44 |
| 521-9249 | 6-44 |
| 521-9251 | 6-44 |
| 550-xx10 | 6-17 |
| 550-5504 | 6-9 |
| 550-5505 | 6-11 |
| 550-5507 | 6-13 |
| 550-5508 | 6-15 |
| 550-5604 | 6-9 |
| 550-5605 | 6-11 |
| 550-5607 | 6-13 |
| 550-5608 | 6-15 |
| 550-5704 | 6-9 |
| 550-5705 | 6-11 |
| 550-5707 | 6-13 |
| 550-5708 | 6-15 |

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Features

- High transmissivity polycarbonate material
- UL94V-0 compliance
- ESD protection (circuit isolation from front panel)
- Wide viewing angle
- Secures to panel by clamping

Alternatives

| | |
|----------|------|
| 521-9430 | 4-61 |
| 521-9431 | 4-61 |
| 521-9432 | 4-61 |

LED alternatives may not produce optimum light output

LED Data

For absolute maximum ratings and other electrical and optical data on the recommended LEDs, refer to LED data sheets.

Operating/Storage Temperature

-30°C to +100°C

Dialight Optopipe Light Pipe Description

This Optopipe[™] is held in place by sandwiching it between two sections of the plastic housing. The light pipe is not attached to the PCB at any point but floats above it. The light emitting surface is optically designed to collect and angle the light towards the viewer. The light source can be any super-bright 3mm or 5mm LED. The light source's emitting surface should be located no more than 0.020" or 0.5mm from the Optopipe[™]. The light pipe material is water clear transmissive polycarbonate rated UL94-V0, and has a 35% oxygen index.

Dialight can provide custom Optopipe[™] solutions for your applications.